

WHAT IS CLAIMED IS:

1. A content-transmitting apparatus operable to transmit a content to a content-receiving apparatus via a network, the content-transmitting apparatus comprising:

a transmitting side control unit operable to transmit reproduction control information to the content-receiving apparatus,

wherein the reproduction control information includes reproduction control information regarding a content that has been previously transmitted to the content-receiving apparatus before transmission time of the reproduction control information,

wherein said transmitting side control unit is operable to omit transmission of the content that has been transmitted to the content-receiving apparatus before the transmission time of the reproduction control information, and

wherein said transmitting side control unit is operable to transmit the reproduction control information regarding the content that has been previously transmitted to the content-receiving apparatus.

2. A content-transmitting apparatus as recited in claim 1, wherein said transmitting side control unit is operable to transmit content that has not been transmitted to the content-receiving apparatus before the transmission time of the reproduction control information, when the reproduction control information includes information regarding the content that has not been transmitted to the content-receiving apparatus.

3. A content-transmitting apparatus as recited in claim 1, wherein the reproduction control information includes TV channel information to reproduce the content.

4. A content-transmitting apparatus as recited in claim 1, wherein the

reproduction control information includes ID information of a content to be deleted.

5. A content-transmitting apparatus as recited in claim 1, wherein the reproduction control information includes order of reproduction of the content.

6. A content-transmitting apparatus as recited in claim 1, wherein the reproduction control information includes a reproduction section of the content.

7. A content-transmitting apparatus as recited in claim 1, wherein the reproduction control information includes a reproduction date of the content.

8. A content-receiving apparatus operable to receive a content via a network, comprising:

a receiving side control unit operable to receive reproduction control information; and

a receiving side recording unit operable to record the content,

wherein the reproduction control information includes reproduction control information regarding a content that has been received before transmission time of the reproduction control information, and

wherein said receiving side control unit is operable to reproduce at least one of the content and a processed content of the content, according to the reproduction control information received by said receiving side control unit.

9. A content-receiving apparatus as recited in claim 8, wherein, when the content has been recorded by said receiving side recording unit before the transmission time, said receiving side control unit is operable to reproduce at least one of the content recorded by said receiving side recording unit and a processed content of the content recorded by said receiving side recording unit, and

wherein, when the content is attached to the reproduction control information received by said receiving side control unit, said receiving side control unit is operable to reproduce at least one of the content attached to the reproduction control information received by said receiving side control unit and a processed content of the attached

content.

10. A content-receiving apparatus as recited in claim 8, wherein the content-receiving apparatus further comprises

a receiving side input unit operable to receive changing operation for TV channels, and

wherein said receiving control unit is operable to reproduce the content based on the changing operation for the TV channels.

11. A content-receiving apparatus as recited in claim 10, wherein the reproduction control information includes TV channel information to reproduce the content.

12. A content-receiving apparatus as recited in claim 8, wherein, when said receiving side control unit receives the reproduction control information including ID information of a content to be deleted, said receiving side control unit is operable to delete the content indicated by the ID information of the content to be deleted from said receiving side recording unit.

13. A content-receiving apparatus as recited in claim 8, wherein the reproduction control information includes order of reproduction of the content, and

wherein said receiving side control unit is operable to reproduce the content according to the order of reproduction of the content.

14. A content-receiving apparatus as recited in claim 8, wherein the reproduction control information includes a reproduction section of the content, and

wherein said receiving side control unit is operable to reproduce the content according to the reproduction section of the content.

15. A content-receiving apparatus as recited in claim 8, wherein the reproduction control information includes a reproduction date of the content, and

wherein said receiving side control unit is operable to reproduce the content according to the reproduction date of the content.

16. A content transmitting/receiving system, comprising:

- a content-transmitting apparatus comprising a transmitting side recording unit;
- a content-receiving apparatus operable to connect to said content-transmitting apparatus via a network to receive a content from said content-transmitting apparatus;
- and
- a display apparatus operable to connect to said content-receiving apparatus to display a content that is reproduced by said content-receiving apparatus,

wherein said content-receiving apparatus comprises:

- a receiving side input unit operable to receive an input from a user;
- a receiving side recording unit operable to record information received from said content-transmitting apparatus; and
- a receiving side control unit operable to control said receiving side input unit and said receiving side recording unit,

wherein said content-transmitting apparatus is operable to transmit reproduction control information to said content-receiving apparatus,

wherein the reproduction control information includes reproduction control information regarding a content that has been transmitted to the content-receiving apparatus before transmission time of the reproduction control information,

wherein, when the content has been recorded by said receiving side recording unit before the transmission time of the reproduction control information, said receiving side control unit is operable to reproduce, according to the reproduction control information, at least one of the content recorded by said receiving side recording unit and a processed content of the content recorded by said receiving side recording unit,

and

wherein, when the content is attached to the reproduction control information received by said receiving side control unit, said receiving side control unit is operable to reproduce, according to the reproduction control information, at least one of the

content that is attached to the reproduction control information and is recorded by said receiving side recording unit and a processed content of the content that is attached to the reproduction control information and is recorded by said receiving side recording unit.

17. A content-transmitting method for transmitting a content to a content-receiving apparatus via a network, the content-transmitting method comprising:

transmitting reproduction control information to the content-receiving apparatus;

wherein the reproduction control information includes reproduction control information regarding a content that has been transmitted to the content-receiving apparatus before transmission time of the reproduction control information;

omitting transmission of a content that has been previously transmitted to the content-receiving apparatus before the transmission time of the reproduction control information; and

transmitting the reproduction control information regarding the content that has been previously transmitted.

18. A content-receiving method for receiving a content via a network, comprising:

receiving the content and reproduction control information regarding the content;

wherein the reproduction control information includes reproduction control information regarding a content that has been received before transmission time of the reproduction control information, and

wherein at least one of the content and a processed content of the content is reproduced according to the reproduction control information.

19. A content-receiving method as recited in claim 17, wherein the method further comprises recording the received content,

reproducing at least one of the content and a processed content of the content when the content has been recorded before the transmission time of the reproduction control information, and

when the content is attached to the reproduction control information, reproducing at least one of the content attached to the reproduction control information and a processed content of the attached content.

20. A recording medium having recorded therein a content-transmitting program for transmitting a content to a content-receiving apparatus via a network, the content-transmitting program comprising:

a program portion operable to transmit reproduction control information to the content-receiving apparatus,

wherein the reproduction control information includes reproduction control information regarding a content that has been transmitted to the content-receiving apparatus before transmission time of the reproduction control information, and

a program portion operable to omit transmission of a content that has been previously transmitted to the content-receiving apparatus before the transmission time of the reproduction control information, and to transmit the reproduction control information regarding the content that has been previously transmitted.

21. A recording medium having recorded therein a content-receiving program for receiving a content via a network, the content-receiving program comprising:

a program portion operable to receive the content and reproduction control information regarding the content; and

wherein the reproduction control information includes reproduction control information regarding a content that has been received before transmission time of the reproduction control information, and

a program portion operable to reproduce at least one of the content and a processed content of the content according to the reproduction control information.